

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

ELECTRONIC TARIFF FILING OF)	
KENTUCKY UTILITIES COMPANY)	CASE NO. 2022-00371
FOR APPROVAL OF AN ECONOMIC)	
DEVELOPMENT RIDER SPECIAL)	
CONTRACT WITH BITIKI-KY, LLC)	

**JOINT INTERVENORS KENTUCKIANS FOR THE COMMONWEALTH, KENTUCKY
SOLAR ENERGY SOCIETY, MOUNTAIN ASSOCIATION, AND KENTUCKY
RESOURCES COUNCIL RESPONSE TO DATA REQUESTS FROM COMMISSION
STAFF**

PSC DR JI 1. Refer to the direct Testimony of Chelsea Hotaling, page 8, footnote 13. Provide a copy of the “PJM CONE 2026/2027 Report” by the Brattle Group and Sargent & Lundy.

PSC DR JI 1 RESPONSE:

The referenced document is attached hereto as JI_R_PSC_1_1_Attachment1.

Witness: Chelsea Hotaling

PSC DR JI 2. Refer to the direct testimony of Stacy L. Sherwood, page 11, lines 14-15. Describe possible regulations that could impact cryptocurrency mining and how these potential regulations might affect Bitiki’s electric usage.

PSC DR JI 2. RESPONSE:

In September 2022, the White House Office of Science and Technology Policy released a report on the implications of cryptocurrency mining and other digital assets for U.S. climate and energy policy. White House Office of Science and Technology Policy, *Climate and Energy Implications of Crypto-Assets in the United States* (Sept. 2022), at <https://www.whitehouse.gov/wp-content/uploads/2022/09/09-2022-Crypto-Assets-and-Climate-Report.pdf> (last visited Feb. 13, 2023). This report included a discussion of the electricity usage and environmental impacts of cryptocurrency mining operations and included recommendations for the development of regulations to minimize cryptocurrency mining’s climate and environmental impacts. *Id.* at 7-8. Among other things, the White House report recommended the following:

The Environmental Protection Agency (EPA), the Department of Energy (DOE), and other federal agencies should provide technical assistance and initiate a

collaborative process with states, communities, the crypto-asset industry, and others to develop effective, evidence-based environmental performance standards for the responsible design, development, and use of environmentally responsible crypto-asset technologies. These should include standards for very low energy intensities, low water usage, low noise generation, clean energy usage by operators, and standards that strengthen over time for additional carbon-free generation to match or exceed the additional electricity load of these facilities. Should these measures prove ineffective at reducing impacts, the Administration should explore executive actions, and Congress might consider legislation, to limit or eliminate the use of high energy intensity consensus mechanisms for crypto-asset mining. DOE and EPA should provide technical assistance to state public utility commissions, environmental protection agencies, and the crypto-asset industry to build capacity to minimize emissions, noise, water impacts, and negative economic impacts of crypto-asset mining; and to mitigate environmental injustices to overburdened communities.

Id. at 7. It is my understanding that this White House report has been received by the relevant federal agencies, and that the agencies are in the process of reviewing the report and considering what potential regulations they are able to adopt using their existing authorities.

Witness: Stacy Sherwood

VERIFICATION

The undersigned, Chelsea Hotaling, being first duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing responses and that the information contained therein is true and correct to the best of her information, knowledge, and belief, after reasonable inquiry.

Chelsea Hotaling

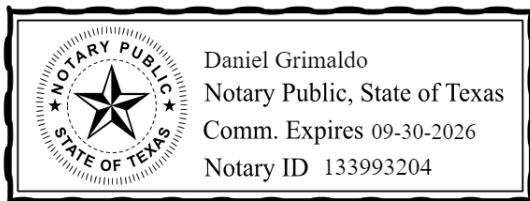
Chelsea Hotaling

Subscribed and sworn to before me by Chelsea Hotaling this 13th day of February, 2023.

DGG


Notary Public

My commission expires: 09/30/2026



Notarized Online with NotaryLive.com

This document is signed by

	Signatory	CN=Daniel Grimaldo, DNQ=A01410C0000018457DA187D0005359B, O=Texas, C=US
	Date/Time	Mon Feb 13 23:00:37 UTC 2023
	Issuer-Certificate	CN=IGC CA 1, OU=IdenTrust Global Common, O=IdenTrust, C=US
	Serial-No.	85078468265508387409051904163970202742
	Method	urn:adobe.com:Adobe.PPKLite:adbe.pkcs7.sh1 (Adobe Signature)

VERIFICATION

The undersigned, Stacy Shenwood, being first duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing responses and that the information contained therein is true and correct to the best of her information, knowledge, and belief, after reasonable inquiry.

Stacy Shenwood

Subscribed and sworn to before me by at this 14 day of FEB, 2023.

STACY SHENWOOD

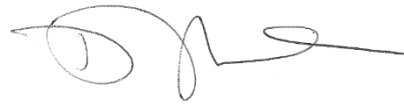
[Signature]
Notary Public

My commission expires: 05/06/2025



CERTIFICATE OF SERVICE

This is to certify that this electronic filing of *Joint Intervenors Kentuckians for the Commonwealth, Kentucky Solar Energy Society, Mountain Association, and Kentucky Resources Council, Inc. Response To Data Requests From Commission Staff* was submitted to the Commission on February 14, 2023; that the documents in this electronic filing are true representations of the materials prepared for the filing; and that the Commission has not excused any party from electronic filing procedures for this case at this time.

A handwritten signature in black ink, consisting of a large loop on the left and a series of smaller loops and a horizontal line extending to the right.
